

## INTERNATIONAL SEARCH REPORT

International application No PCT/JP2006/305751
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A. CLASSIFICATION OF SUBJECT MATTER INV. F04B39/00
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According to International Patent Classification (IPC) or to both national classification and IPC
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B. FIELDS SEARCHED
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Minimum documentation searched (classification system followed by classification symbols) F04B
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
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Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
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EPO-Internal, PAJ, WPI Data
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C. DOCUMENTS CONSIDERED TO BE RELEVANT.
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/099617 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; KOBAYASHI, MASANORI) 18 November 2004 (2004-11-18) figure 6 ----- US 5 496 156 A (HARPER ET AL) 5 March 1996 (1996-03-05) cited in the application figure 1 ----- PATENT ABSTRACTS OF JAPAN vol. 018, no. 341 (M-1629), 28 June 1994 (1994-06-28) & JP 06 081769 A (SANYO ELECTRIC CO LTD), 22 March 1994 (1994-03-22) abstract ----- -/-	1,5
X		1,5
A		1

<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.
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<input checked="" type="checkbox"/> See patent family annex.
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\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search
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3 August 2006
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Date of mailing of the International search report
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09.08.06
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Name and mailing address of the ISA/
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Richmond, R
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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) & JP 2000 130328 A (MATSUSHITA REFRIG CO LTD), 12 May 2000 (2000-05-12) abstract -----	1

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2006/305751

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 2004099617	A	18-11-2004	EP JP US	1541868 A1 2004360686 A 2006039808 A1		15-06-2005 24-12-2004 23-02-2006
US 5496156	A	05-03-1996	BR CA FR	9504125 A 2158483 A1 2724984 A1		06-08-1996 23-03-1996 29-03-1996
JP 06081769	A	22-03-1994	JP	3118329 B2		18-12-2000
JP 2000130328	A	12-05-2000		NONE		